

TITLE

PLANT AMINOACYL-tRNA SYNTHETASE

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding an
5 aminoacyl-tRNA synthetase. The invention also relates to the construction of a chimeric
gene encoding all or a portion of the aminoacyl-tRNA synthetase, in sense or antisense
orientation, wherein expression of the chimeric gene results in production of altered levels of
the aminoacyl-tRNA synthetase in a transformed host cell.

10

15

20

25

30

35

WRM/bjm